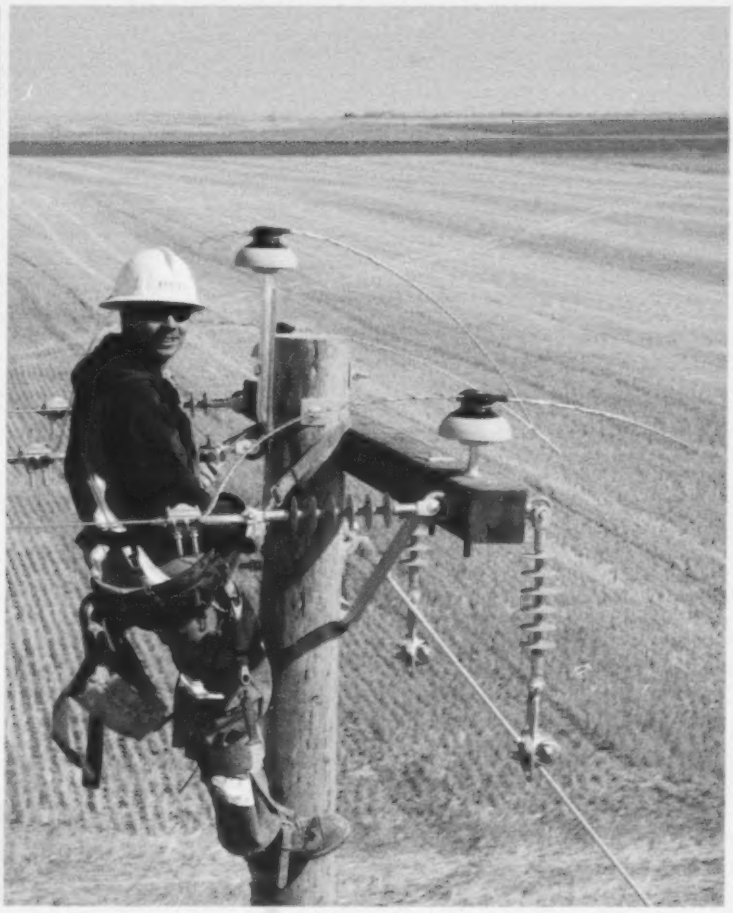

INDUSTRY PROFILES

Utilities Industry

June 2012

Alberta

Overview:

The Utilities industry[1] in Alberta includes:

- electric power generation, transmission and distribution;
- natural gas distribution; and
- water, sewer and irrigation systems.

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[1] North American Industry Classification System (NAICS) major group 22

Section A: Business Environment

1. 2011 Employment and Unemployment Numbers and Rates:

	Alberta	Utilities Industry
Number of employed	2,094,100	16,300
Percent employed in the industry		0.8%
Number of unemployed	121,000	N/A
Unemployment rate	5.5%	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2012
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics[2] or Statistics Canada[3] websites.

2. Industry's Growth:

- This industry accounted for 0.8% of total employment in Alberta in 2011.
- Employment in the Utilities industry is expected to grow at an average rate of 1.7% from 2011 to 2015.
- This industry is expected to account for 0.9% of total employment in Alberta in 2015.

For more information, see the *Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2011 – 2015, Industry Employment Outlook*[4] online and the Alberta Learning Information Service (ALIS)[5] website for descriptions of industries.

[2] See http://www.employment.alberta.ca/BI/67.html
[3] See http://www.statcan.gc.ca
[4] See http://www.employment.alberta.ca/documents/cops-outlook-2011-2015.pdf
[5] See http://www.alis.alberta.ca

3. Facts, Trends and Outlook:

According to Statistics Canada's National Economic Accounts, the Utilities industry accounted for 2.3% of Alberta's Gross Domestic Product in 2011, the same as in 2001. The industry's share of Alberta's total employment was 0.8% in 2011, the same as in 2001.

Employment in 2011 was 11.4% lower than its level in 2010. Over the last ten years, employment increased from 13,300 people in 2001 to 16,300 people in 2011. There were 16,200 employees in the industry in 2011 of whom 85.8% were permanent and 14.2% were temporary. Data on self-employed people in the industry in 2011 were not available.

Characteristic	Alberta	Utilities
Median Retirement Age (years)	64.7	N/A
Average Number of Hours Worked per Week	37.6	40.2
Multiple Jobholders (% of total employment)	6.0%	N/A
Average Job Tenure (months)	87.9	116.5
Employees Under Union Coverage (%)	23.2%	40.1%
Employees Working Overtime per Week (%)	25.8%	33.8%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Tables 282-0022, 282-0031, 282-0042, 282-0078 and 282-0084, 2012, and custom tabulation (median retirement age)
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size

According to *Alberta Occupational Demand Outlook 2011-2015*, employment growth in the following occupations is expected to be less than 2.7%, the average for all occupations: Stationary engineers and power station and system operators; and Managers in manufacturing and utilities.

4. Size of Businesses in Alberta and the Industry:

Establishment Size	Businesses in Alberta		Businesses in Utilities	
	Number of Employees	%	Number of Employees	%*
Less than 20 employees	637,400	36.6%	3,600	22.2%
20 to 99 employees	594,400	34.1%	4,000	24.7%
100 to 500 employees	326,300	18.7%	5,000	30.9%
Over 500 employees	184,200	10.6%	3,500	21.6%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0076, 2012

* Percentages may not add up to 100 due to rounding.

Note: Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the total number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

Section B: Human Resources Profile

1. Occupational Information:

Some examples of occupations that can be found in the Utilities industry include:

- gas utility operator;
- utility clerk;
- water and wastewater treatment plant operator;
- power lineman; and
- power system electrician.

For a complete listing of all occupations related to this industry, as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles[6] website.

2. Demographics: Gender and Age:

According to the Labour Force Survey, the gender breakdown in the Utilities industry in 2011 was as follows:

- women employed: 4,300 people, or 26.4%
- men employed: 12,000 people, or 73.6%

In Alberta, women accounted for 44.9% and men made up 55.1% of total employment.

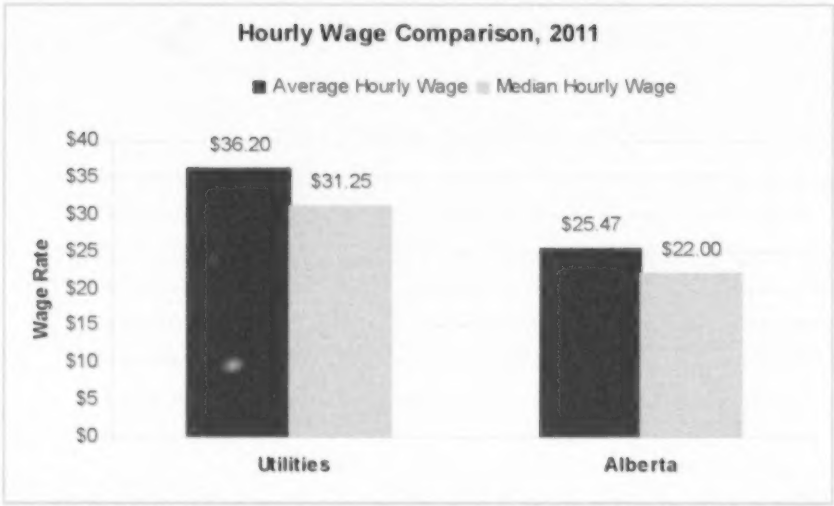
Age Characteristics	Employment in Alberta		Employment in Utilities	
	Number	%	Number	%*
15-24 years	318,900	15.2%	2,100	12.9%
25-54 years	1,423,000	68.0%	12,300	75.5%
55 years and over	352,300	16.8%	1,900	11.7%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2012

* Percentages may not add up to 100 due to rounding

[6] See http://www.alis.alberta.ca/occinfo

3. Wages:



Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0072, 2012
Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Wage and Salary Information for Selected Occupations

Occupation	Average Hourly Wage			Average Annual Salary
	Starting Average	Overall Average	Top Average	
Power system electrician	$ 40.28	$ 42.10	$ 44.29	$ 87,558
Utilities manager	$ 42.41	$ 47.98	$ 55.26	$ 100,265
Waterworks and gas maintenance worker	$ 35.49	$ 38.71	$ 41.96	$ 78,909
Electrical power line and cable workers	$ 37.88	$ 42.68	$ 44.89	$ 88,770

Data Source: 2011 Alberta Wage and Salary Survey

For more information on the 2011 Alberta Wage and Salary Survey, refer to the WAGEinfo[7] webpage. For job descriptions, duties, required skills and education for specific occupations in the Utilities industry, visit the ALIS[8] website.

[7] See http://www.alis.alberta.ca/wageinfo
[8] See http://www.alis.alberta.ca

Section C: Additional Information

Links to Government and Selected Associations in Industry:

- Alberta Energy Resources and Conservation Board
  (http://www.ercb.ca)
- Canadian Gas Association
  (http://www.cga.ca)
- Canadian Wind Energy Association
  (http://www.canwea.ca)
- Canadian Electricity Association
  (http://www.electricity.ca)